

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

690 Walnut Ave. St. 150

Vallejo, CA 94592-1133

(707) 649-5453

(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-006654**Date Inspected:** 09-May-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Chen Xi**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG crossbeams**Summary of Items Observed:**

On this day CALTRANS OSM Quality Assurance Inspector (QA) Steve Hall was present during the times noted above for observations relative to the fabrication of the SAS Superstructure being performed by Zhenhua Port Machinery Company (ZPMC) at Changxing Island, in Shanghai, China. QA observed and/or found the following:

OBG cross beam CB1

This QA received ZPMC Non Destructive Testing (NDT) notification No. 002991 and performed segment tagging Magnetic particle Testing (MT) of approximately 10% of the welds previously tested and accepted by ZPMC Quality Control (QC) personnel. This QA generated an MT report for this date. The weld designations are as follows: CB203A-001-005, CB203J-001-133, 134, 137, 138, 243, 244, 247, 248, 065, 066, 400, 401, 212, 213, 217, 218, CB203J-002-134, 135, 137, 138, 243, 248, 065, 066, 400, 401, 212, 213, 217, 218, CB203J-1-001-017, 018, 013, 014, CB203J-1-002-017, 018, 013, 014, SP210-001-041, 053, SP211-001-011, 017, FB206-001-039, 041, 051, 053, 028, FB207-001-011, 017, CB203J-001-071, 072, 230, 237, CB203J-002-069, 070, 229, 233, CB203J-1-001-015, 016, CB203J-1-002-015, 016, BP207-001-005, BP208-001-009, BP210-001-009, CB203D-001-044, 045, 046, 047, 048, CB203F-001-011, 021, 031, 034, 083, Lot testing was performed on all of the above mentioned welds per the contract documents.

Unless otherwise noted, all work observed on this date appeared to be in general compliance with the applicable contract documents.

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Summary of Conversations:

Only general conversation was held between QA and QC concerning this project.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang (15000422372), who represents the Office of Structural Materials for your project.

Inspected By:	Hall,Steven	Quality Assurance Inspector
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Reviewed By:	Prue,Erik	QA Reviewer
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